NewsRelease

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NASA'S ATMOSPHERIC SCIENTISTS TO PRESENT NEW RESEARCH AT AMS

Scientists from NASA's Langley Research Center in Hampton, Va., will present new atmospheric science research at the annual American Meteorological Society (AMS) meeting in Long Beach, Calif., Feb. 9-13, 2003. Details of selected presentations follow:

Forecasting Severe Weather
Scientists hope observations from NASA Langley's LIDAR Atmospheric Sensing Experiment (LASE) will increase their ability to help forecast summertime rainfall amounts. Better rainfall predictions will produce more accurate warnings for hazards induced by heavy rain like flash floods. Edward Browell will discuss how LASE measurements are helping to meet the International H2O Project's goal of improving severe thunderstorm predictions.
February 10 at 1:45 p.m.— Observing and Understanding the Variability of Water in Weather and Climate, Session 1.6

Improving Predictions of Hurricanes
NASA Langley scientists studied hurricanes and tropical storms in a field experiment off the coast of Florida during the height of the hurricane season in 1998 and 2001. Syed Ismail will present observations from LASE and the role of NASA data in improving hurricane forecasting.
February 11 at 9:45 a.m.—14th Symposium, Session P2.3

Using Earth Science Data to Support Renewable Energy Technologies
NASA's Prediction of Worldwide Energy Resource Project develops data sets to help determine the feasibility of implementing renewable energy projects. William Chandler will speak about the success that NASA's Surface Meteorology and Solar Energy Data Set Web site is having with international energy sector partners.
February 13 at 11:15 a.m.—19th Conference, Session 13.7

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